



Receipt  
TFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1722 Customer No.: 035811  
Examiner :  
Serial No. : 10/530,263  
Filed : June 6, 2005  
Inventors : Toshihide Sekido Docket No.: BAN-05-1080  
: Kazuaki Kitaoka Confirmation No.: 4698  
: Hiroshi Odani  
: Shigeru Nishiyama  
: Masahiko Shimizu  
Title : METHOD OF RTM MOLDING Dated: March 14, 2006

Attn: Application Processing Division  
Customer Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**Certificate of Mailing Under 37 CFR 1.8**

For

Postcard  
Request for Corrected Filing Receipt  
Filing Receipt with Corrections Noted in Red  
Copy of Combined Declaration, Power of Attorney and Petition  
Copy of Assignment

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed Attn: Application Processing Division, Customer Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

Name of Applicant, Assignee, Applicant's Attorney  
or Registered Representative:

DLA Piper Rudnick Gray Cary US LLP  
Customer No. 035811

By: PR

Date: 14 MAR 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit	: 1722	Customer No.: 035811
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**REQUEST FOR CORRECTED FILING RECEIPT**


Attn: Application Processing Division  
Customer Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are in receipt of the official filing receipt. We note that under Assignment for Published Patent Application one Assignee was missing. Please add -- Mitsubishi Heavy Industries, Ltd.--. Also under Foreign Applications please change "Japan 2002-29532 10/09/2002" to read -- Japan 2002-295932 10/09/2002 --; "Japan 200-29533 10/09/2002" to read -- Japan 2002-295933 10/09/2002 -- and "Japan 200-312454 10/28/2002" to read -- Japan 2002-312454 10/28/2002-- . A copy of the filing receipt with the correction noted in red is enclosed. Also I am enclosing a copy of the Combined Declaration, Power of Attorney, and Petition and Assignment.

We look forward to receiving a corrected filing receipt in due course.

Respectfully submitted,

  
T. Daniel Christenbury  
Reg. No. 31,750

TDC:cc  
(215) 656-3381



Attorney Docket No. BAN-05-1080

- ☐ Original Application  
☒ PCT National Application  
U.S. Designated Office  
☐ Continuation or Divisional Application  
☐ Continuation-in-Part Application

**COMBINED DECLARATION,  
POWER OF ATTORNEY AND PETITION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD OF RTM MOLDING

☐ which is described in the specification and claims

☐ attached hereto.

☒ filed on April 5, 2005

Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_  
(if applicable)

☒ which is described in International Application No. PCT/JP2003/012947

filed on October 9, 2003 and as amended on

\_\_\_\_\_  
(if any),

which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

**COMBINATION DECLARATION, POWER OF ATTORNEY AND PETITION**  
(Page 2)

Attorney Docket No. BAN-05-1080

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International Application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or of any PCT International Application having a filing date before that of the application on which priority is claimed:

Number	Country	Date of Filing (day,month,year)	Priority Claimed
2002-295932	Japan	09, 10, 2002	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
2002-295933	Japan	09, 10, 2002	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
2002-295934	Japan	09, 10, 2002	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
2002-312454	Japan	28, 10, 2002	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
			<input type="checkbox"/> yes <input type="checkbox"/> no

I hereby claim the benefit under Title 35, United States Code, §119(e) or §120 (as applicable) of any United States application(s) or §365(c) of any PCT International Application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112:

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status)(patented,pending,abandoned)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status)(patented,pending,abandoned)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following registered attorneys to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

T. Daniel Christenbury Reg. No. 31,750  
Paul A. Taufer Reg. No. 35,703  
Darius C. Gambino Reg. No. 41,472

Paul Carango Reg. No. 42,386  
Steven A. Nash Reg. No. 45,507  
Andrew A. Noble Reg. No. 48,651

**SEND CORRESPONDENCE TO:**

Customer No. 035811, whose contact information is:  
IP Group of DLA Piper Rudnick Gray Cary US LLP  
One Liberty Place, Suite 4900  
1650 Market Street  
Philadelphia, PA 19103

**DIRECT TELEPHONE CALLS TO  
ATTORNEY OF RECORD AT:**

(215) 656-3300

## COMBINED DECLARATION, POWER OF ATTORNEY AND PETITION

(Page 3)

BAN-05-1080

Attorney Docket No. \_\_\_\_\_

I hereby petition for grant of a United States Letters Patent on this invention.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1. FULL NAME OF SOLE OR FIRST INVENTOR <b>Toshihide SEKIDO</b>		INVENTOR'S SIGNATURE <i>Toshihide Sekido</i>	DATE May 26, 2005
RESIDENCE <b>Otsu-shi, Shiga, Japan</b>		CITIZENSHIP Japanese	
POST OFFICE ADDRESS <b>GM704, 8-40, Nagara 2-chome, Otsu-shi, Shiga, 520-0046 Japan</b>			
2. FULL NAME OF JOINT INVENTOR, IF ANY <b>Kazuaki KITAOKA</b>		INVENTOR'S SIGNATURE <i>Kazuaki Kitaoka</i>	DATE May 26, 2005
RESIDENCE <b>Iyo-gun, Ehime, Japan</b>		CITIZENSHIP Japanese	
POST OFFICE ADDRESS <b>Toray Apt. 4-17, 1451, Tsutsui, Masaki-cho, Iyo-gun, Ehime, 791-3120 Japan</b>			
3. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY <b>Hiroshi ODANI</b>		INVENTOR'S SIGNATURE <i>Hiroshi Odani</i>	DATE May 26, 2005
RESIDENCE <b>Iyo-gun, Ehime, Japan</b>		CITIZENSHIP Japanese	
POST OFFICE ADDRESS <b>1456-227, Tsutsui, Masaki-cho, Iyo-gun, Ehime, 791-3120 Japan</b>			
4. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY <b>Shigeru NISHIYAMA</b>		INVENTOR'S SIGNATURE <i>Shigeru Nishiyama</i>	DATE May 26, 2005
RESIDENCE <b>Nagoya-shi, Aichi, Japan</b>		CITIZENSHIP Japanese	
POST OFFICE ADDRESS <b>c/o NAGOYA Aerospace Systems Works MITSUBISHI HEAVY INDUSTRIES, LTD., 10, Oye-cho, Minato-ku, Nagoya-shi, Aichi, 455-8515 Japan</b>			
5. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY <b>Masahiko SHIMIZU</b>		INVENTOR'S SIGNATURE <i>Masahiko Shimizu</i>	DATE May 26, 2005
RESIDENCE <b>Nagoya-shi, Aichi, Japan</b>		CITIZENSHIP Japanese	
POST OFFICE ADDRESS <b>c/o NAGOYA Aerospace Systems Works MITSUBISHI HEAVY INDUSTRIES, LTD., 10, Oye-cho, Minato-ku, Nagoya-shi, Aichi, 455-8515 Japan</b>			
6. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
7. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			

## ASSIGNMENT

WHEREAS, We, (1)Toshihide SEKIDO, (2) Kazuaki KITAOKA, (3) Hiroshi ODANI,  
(4) Shigeru NISHIYAMA and (5) Masahiko SHIMIZU, citizens of Japan, residing at  
(1) GM704, 8-40, Nagara 2-chome, Otsu-shi, Shiga, 520-0046 Japan,  
(2) Toray Apt. 4-17, 1451, Tsutsui, Masaki-cho, Iyo-gun, Ehime, 791-3120 Japan,  
(3) 1456-227, Tsutsui, Masaki-cho, Iyo-gun, Ehime, 791-3120 Japan,  
(4) c/o NAGOYA Aerospace Systems Works MITSUBISHI HEAVY INDUSTRIES, LTD., 10,  
Oye-cho, Minato-ku, Nagoya-shi, Aichi, 455-8515 Japan and  
(5) c/o NAGOYA Aerospace Systems Works MITSUBISHI HEAVY INDUSTRIES, LTD., 10,  
Oye-cho, Minato-ku, Nagoya-shi, Aichi, 455-8515 Japan,  
respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled  
METHOD OF RIM MOLDING  
for which on the date set forth below, unless otherwise indicated here, \_\_\_\_\_,  
the undersigned executed an application for United States Letters Patent,

WHEREAS, (1) TORAY INDUSTRIES, INC.,  
a corporation of Japan, with offices at 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo,  
103-8666 Japan, and  
(2) MITSUBISHI HEAVY INDUSTRIES, LTD.,  
a corporation of Japan, with offices at 16-5, Konan 2-chome, Minato-ku, Tokyo, 108-8215 Japan,  
(hereinafter referred to as "assignees"), are desirous of acquiring the entire right, title and interest  
in said invention, said application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignees the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignees, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the names of the assignees, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on May 26, 2005, at Shiga, Japan

(1) Toshihide Sekido  
Toshihide SEKIDO

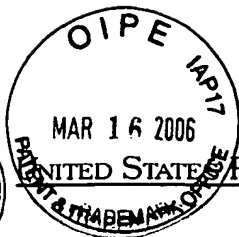
(2) Kazuaki Kitaoka  
Kazuaki KITAOKA

(3) Hiroshi Odani  
Hiroshi ODANI

(4) Shigeru Nishiyama  
Shigeru NISHIYAMA

(5) Masahiko Shimizu  
Masahiko SHIMIZU

Kenji Mitogawa  
Witness



UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/530,263	06/06/2005	1722	2030	BAN-05-1080	11	36	4

CONFIRMATION NO. 4698

035811

IP GROUP OF DLA PIPER RUDNICK GRAY CARY US LLP  
1650 MARKET ST  
SUITE 4900  
PHILADELPHIA, PA 19103

**RECEIVED**

FEB 27 2006

IP DEPT.

**FILING RECEIPT**

\*OC000000018085776\*

Date Mailed: 02/17/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Toshihide Sekido, Otsu-shi, JAPAN;  
Kazuaki Kitaoka, Iyo-gun Ehime, JAPAN;  
Hiroshi Odani, Iyo-gun Ehime, JAPAN;  
Shigeru Nishiyama, Nagoya-shi Aichi, JAPAN;  
Masahiko Shimizu, Nagoya-shi Aichi, JAPAN;

**Assignment For Published Patent Application**

Toray industries, Inc., Tokyo, JAPAN and Mitsubishi Heavy Industries, Ltd.

**Power of Attorney:** The patent practitioners associated with Customer Number 035811.

**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/JP03/12947 10/09/2003

**Foreign Applications**

2 JAPAN 2002-29532 10/09/2002  
2 JAPAN 2002-29533 10/09/2002  
JAPAN 2002-295934 10/09/2002  
JAPAN 200-312454 10/28/2002

**Projected Publication Date:** 06/01/2006

**Non-Publication Request:** No

indented  
COT

Early Publication Request: No

**Title**

Method of rtm molding

**Preliminary Class**

425

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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### **LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15**

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The



date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).